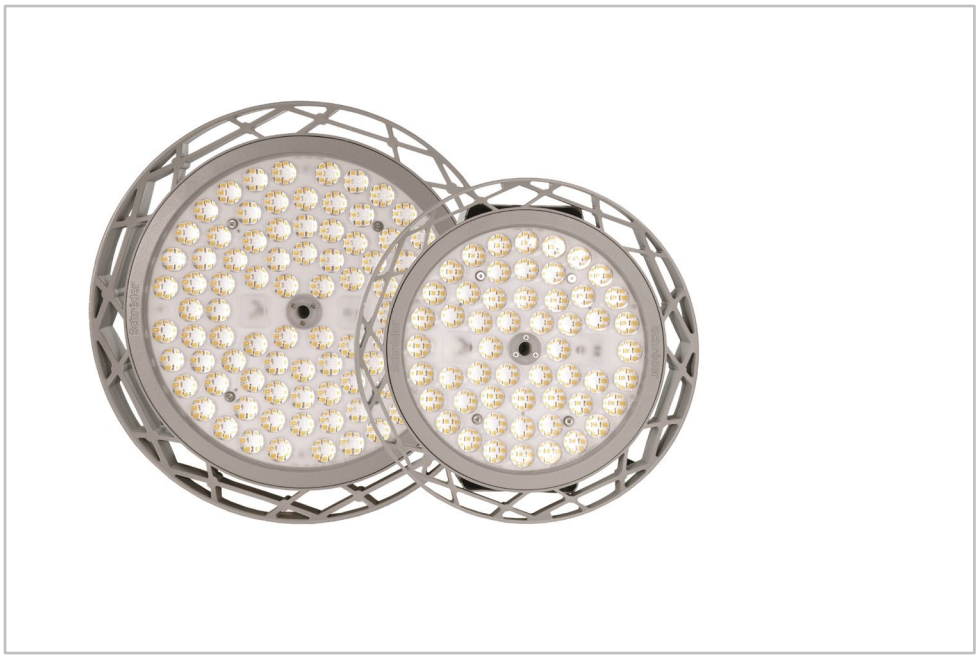
Schréder
Experts in lightability™

AREA

INDU BAY GEN3



IP 66 | IK 10 | IK 08

RoHS

CE

Setting the benchmark in high-bay lighting

With the 3rd generation INDU BAY, Schréder offers the leading luminaire for lighting industrial facilities with a minimised total cost of ownership.

More efficient, light, versatile and smart, it delivers the best solution on the market today for high-bay applications. It outperforms all other fixtures thanks to the substantial energy savings it generates and the performance it delivers over time.

Available with four typical lumen packages, various light distributions and mounting options, INDU BAY GEN3 adapts the lighting to meet the specific needs of your environment.

It not only lowers your investment. It maximises it by providing a comfortable environment for your staff while limiting energy consumption to what is absolutely necessary. Thanks to its reliable performance, low dust accumulation and no need for relamping, INDU BAY GEN3 minimises maintenance costs.

CAR PARKS | LARGE AREAS | INDUSTRIAL HALLS & WAREHOUSES | SPORT FACILITIES

Concept

INDU BAY GEN3 is an LED high-bay luminaire designed for plant and facility managers looking for efficient lighting with a fast return on investment.

The INDU BAY GEN3 luminaires are composed of a two-piece housing made of painted die-cast aluminium. The protector (in glass or polycarbonate) is fixed to the housing and sealed by a rubber gasket. INDU BAY GEN3 is delivered with a hook for a suspension chain (not included). A fork mounting system enables the luminaire to be inclined on-site for a precise adjustment.

The different light outputs of the INDU BAY GEN3 luminaire make it perfect for multiple indoor and outdoor lighting applications. Three typical photometries are available: circular 70°, rectangular 100x40° (both with a polycarbonate protector) and wide 110° with a frosted glass protector.

With a high impact resistance and tightness level as well as a wide range of operating temperatures, the INDU BAY GEN3 luminaires have been designed to withstand harsh environments and deliver performance over time.

The INDU BAY GEN3 range is available with four typical lumen packages to offer a beneficial alternative to fixtures equipped with traditional light sources:

- INDU BAY GEN3 1 for HID lamps up to 150W
- INDU BAY GEN3 2 for HID lamps up to 200W
- INDU BAY GEN3 3 for HID lamps up to 250W
- INDU BAY GEN3 4 for HID lamps up to 400W

INDU BAY GEN3 is equipped with a graduated U-bracket for a precise on-site setting.

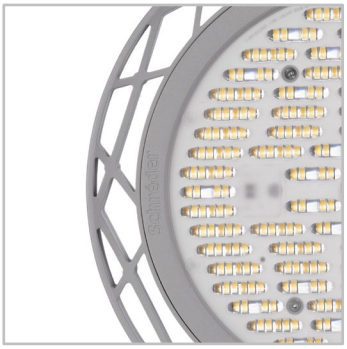
INDU BAY GEN3 is delivered with a hook for mounting with a suspension chain.

Types of application

- CAR PARKS
- LARGE AREAS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

Key advantages

- One-to-one replacement for HID fixtures from 40W to 400W
- High energy savings compared to systems with traditional discharge lamps
- Light-on-demand feature with optional motion sensor
- Robust design
- Emergency lighting with optional battery
- High visual comfort
- No hazardous materials
- Fast ROI thanks to long life span and reduced maintenance
- Compact housing optimised for heat dissipation and reduced dust accumulation
- Dedicated range of mounting accessories
- Compatible with Schréder's indoor and outdoor control system



Three light distributions are available to offer the best and most comfortable solution.

INDU BAY GEN3 can be equipped with a motion sensor for light-on-demand scenarios.

INDU BAY GEN3 | CHARACTERISTICS

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GENERAL INFORMATION

Recommended installation height	4m to 12m | 13' to 39'
Driver included	Yes
CE Mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Optic	Polycarbonate
Protector	Frosted glass Polycarbonate (with integrated lenses)
Housing finish	Polyester powder coating
Standard colour(s)	RAL 7040 window grey
Tightness level	IP 66
Impact resistance	IK 08, IK 10
Safety compliance against ball throwing	DIN18 032-3:1997-04 according to EN 13 964 Annex D

· IK may be different according to the size/configurations. Please consult us.

OPERATING CONDITIONS

Operating temperature range (Ta)	-30 °C up to +50 °C / -22 °F up to 122 °F

· Depending on the luminaire configuration. For more details, please contact us.

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-240V – 50-60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	2 4 6
Electromagnetic compatibility (EMC)	EN 55015:2013/A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Control protocol(s)	1-10V, DALI
Sensor	Motion sensor (optional)
Emergency	Optional auxiliary battery

OPTICAL INFORMATION

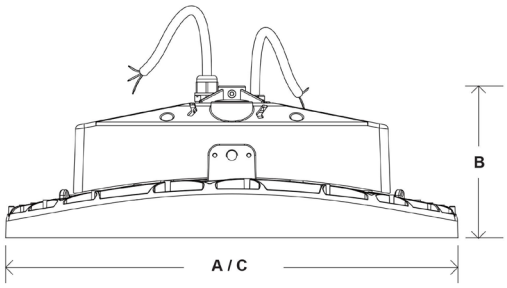
LED colour temperature	3000K (Warm White) 4000K (Neutral White) 6500K (Cool White)
Colour rendering index (CRI)	>80 (Warm White) >80 (Neutral White) >80 (Cool White)
Upward Light Output Ratio (ULOR)	0%

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	100,000h - L80 100,000h - L90

DIMENSIONS AND MOUNTING

AxBxC (mm | inch)	INDU BAY GEN3 1 - 330x122x330 | 13.0x4.8x13.0 INDU BAY GEN3 2 - 330x122x330 | 13.0x4.8x13.0 INDU BAY GEN3 3 - 400x135x400 | 15.7x5.3x15.7 INDU BAY GEN3 4 - 400x135x400 | 15.7x5.3x15.7
Weight (kg | lbs)	INDU BAY GEN3 1 - 4.5 | 9.9 INDU BAY GEN3 2 - 4.5 | 9.9 INDU BAY GEN3 3 - 6.8 | 15.0 INDU BAY GEN3 4 - 6.8 | 15.0
Mounting possibilities	Hook(s) for suspension Bracket enabling adjustable inclination



INDU BAY GEN3 | PERFORMANCE

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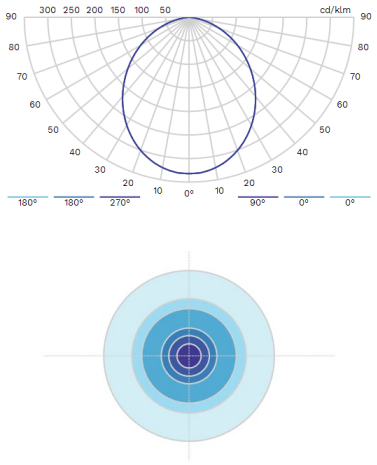
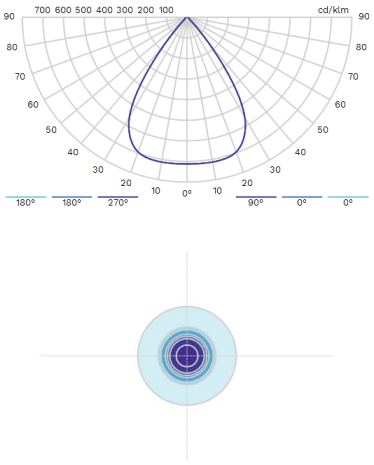
			Luminaire output flux (lm) Cool White 865		Luminaire output flux (lm) Neutral White 840		Luminaire output flux (lm) Warm White 830		Power consumption (W)	Luminaire efficacy (lm/W)
Luminaire	Number of LEDs	Current (mA)	Min	Max	Min	Max	Min	Max		Up to
INDU BAY GEN3 1	400	88	14900	16100	15200	16500	14600	15800	115	143
INDU BAY GEN3 2	464	95	18800	20400	19200	20800	18100	19600	140	149
INDU BAY GEN3 3	576	104	25300	27400	25800	27900	24400	26400	185	151
INDU BAY GEN3 4	640	106	28700	31000	29200	31600	27600	29900	210	150

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

0 Wide beam



6399 Circular



6484 Elliptical Beam